AMENDMENT

Please replace present claim 3 with the following claim 3:

3. (Amended) Hydrogel composition according to claim 1, in which a substantial part of said groups of mixture (A) are linked to said polymer of mixture (A) through a moiety which is chemically different from the corresponding linking moiety on the groups of mixture (B).

Please replace present claims 5-14 with the following claims 5-14:

5. (Amended) Hydrogel composition according to claim 3, in which the oligomeric groups are derived from bifunctional oligomers that form parallel stereocomplexes.

6. (Amended) Hydrogel composition according to claim 1, in which the water soluble or water dispersible polymer is chosen from the group consisting of dextran, starch, cellulose derivates, albumin, lysozym, poly(aminoacids), poly(lysine) and related copolymers, poly(glutamic acid) and related copolymers poly ((meth)acrylates)/((meth)acrylamides), poly(vinylalcohol), poly9ethylene glycol), water soluble polyphosphazenes, or mixtures thereof.

7. (Amended) Hydrogel according to claim 1, in which there is a linking group between the water soluble or water dispersible polymer and the oligomeric or co-oligomeric group, which linking group comprises a hydrolysable group.

8. (Amended) Hydrogel according to claim 1, in which the average chain length of the oligomeric or co-oligomeric groups is sufficiently low to render the polymer soluble or dispersible in water.

9. (Amended) Hydrogel composition according to claim 1, where the average degree of substitution of the water dispersible polymer with oligomeric or cooligomeric groups is sufficiently high to obtain a network in which the crosslinks are formed by physical interaction of the water soluble or water dispersible polymers.

10. (Amended) Hydrogel composition according to claim 1, where the average degree of substitution of the water soluble or water dispersible polymer with oligomeric or co-oligomeric groups is sufficiently low to render said polymer structure soluble or dispersible in water.

11. (Amended) Hydrogel composition according to claim 1, in which the average degree of substitution is from 3 - 25.

12. (Amended) Hydrogel composition according to claim 1, in which the oligomeric or co-oligomeric groups of one mixture comprise poly(D-lactic acid) and the oligomeric or co-oligomeric groups of the other mixture comprises poly(L-lactic acid) both with an average chain length of 7-15 monomers.

13. (Amended) Hydrogel composition according to claim 1, in which all oligomeric or co-oligomeric groups have equal length.

14. (Amended) Hydrogel composition according to claim 1, in which the oligomeric or co-oligomeric groups are grafts.

Please replace present claim 17 with the following claim 17:

17. (Amended) Process according to claim 16, in which an active ingredient is added before or in step c).

Please replace present claims 19-23 with the following claims 19-23:

19. (Amended) Use of a hydrogel as defined in claim 1 in implants.

20. (Amended) Use of mixture (A) and (B) as defined in claim 1 *ex vivo* to form a hydrogel as defined in any of the claims 1-17 *in vivo*.

21. (Amended) Process for the preparation of a hydrogel as defined in claim 1 in the form of microspheres, which process comprises the formation of a two phase system, optionally in the presence of a releasable compound, by choosing two of said water soluble or water dispersible polymers such that they are incompatible; from which two phase system said hydrogel is formed.

22. (Amended) Process for the preparation of a hydrogel as defined in claim 1 in the form of microspheres which comprises spray drying of at least one water soluble polymer according to any one of the preceding claims, optionally in the presence of a releasable compound.

23. (Amended) Microspheres obtainable by the process according to claim 21 which are injectable.